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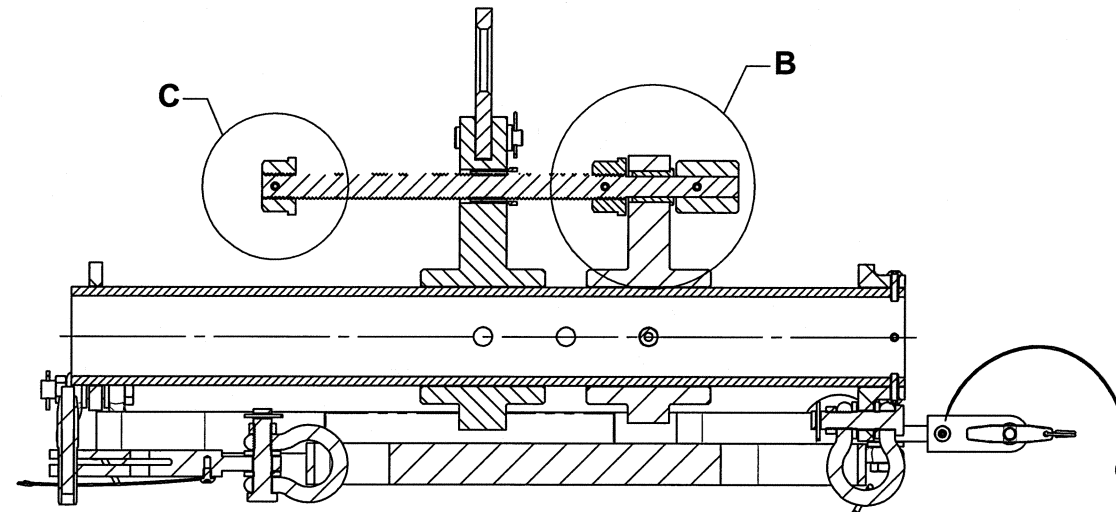
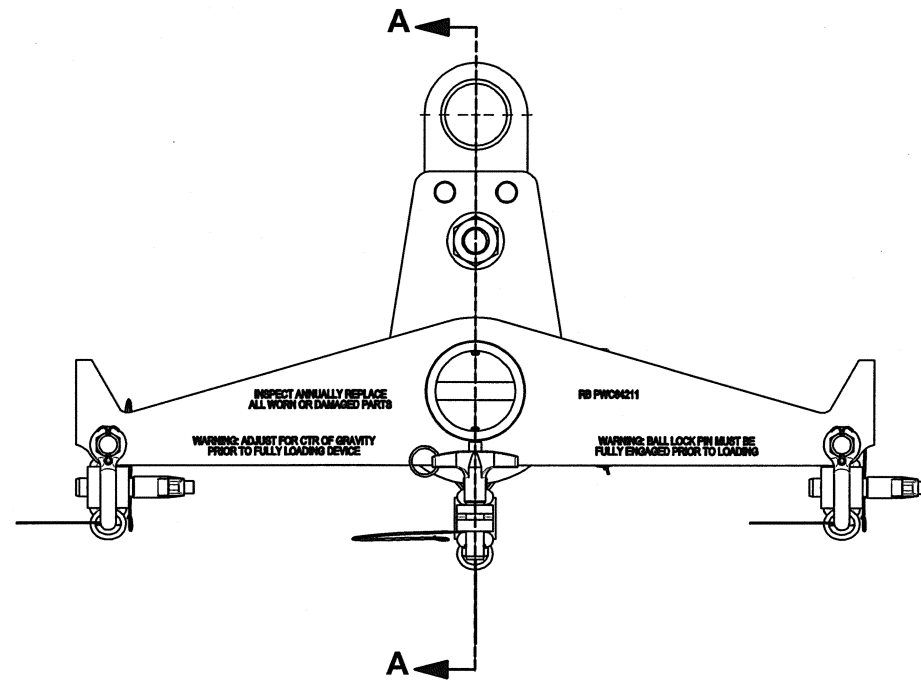
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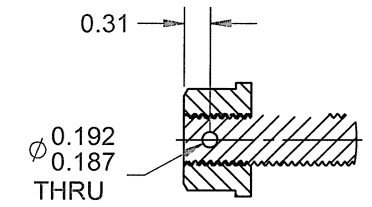
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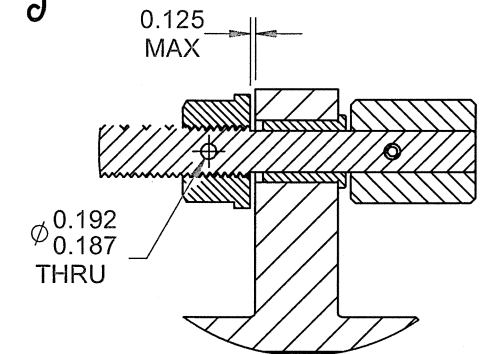
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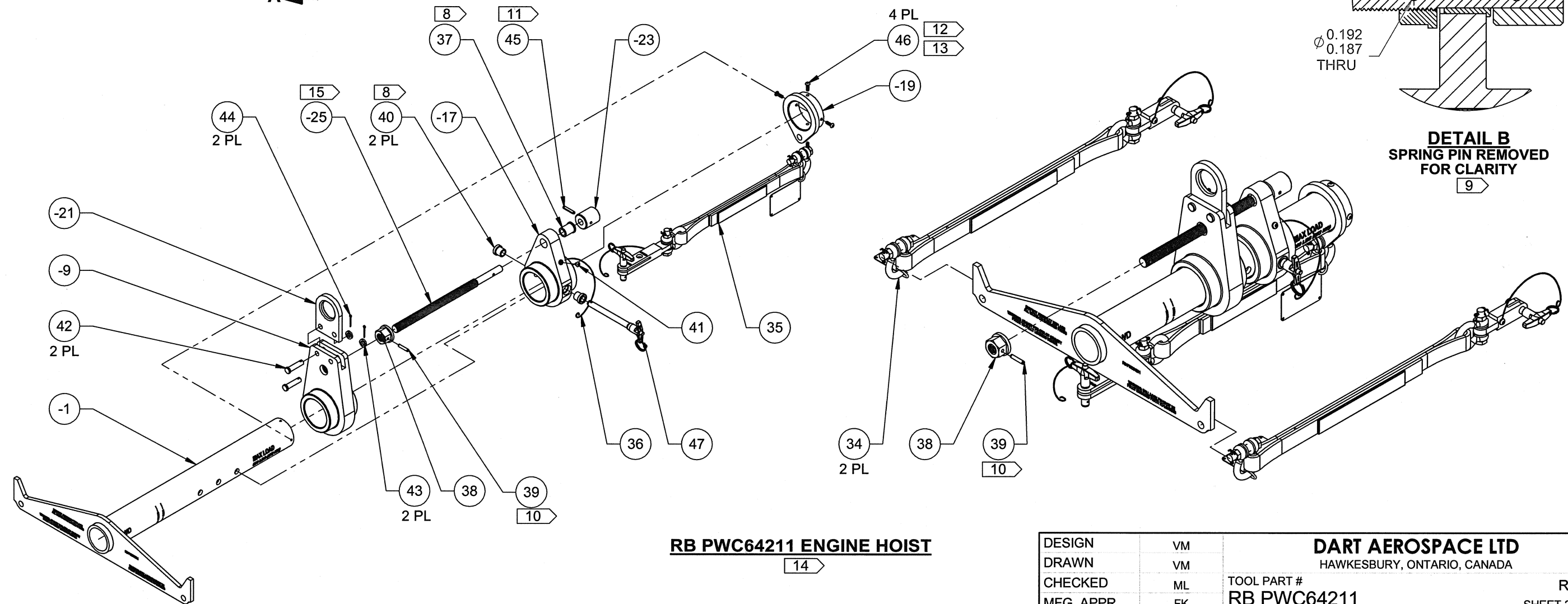
SECTION A-A

DETAIL C
SPRING PIN REMOVED
FOR CLARITY

9



DETAIL B
SPRING PIN REMOVED
FOR CLARITY

9

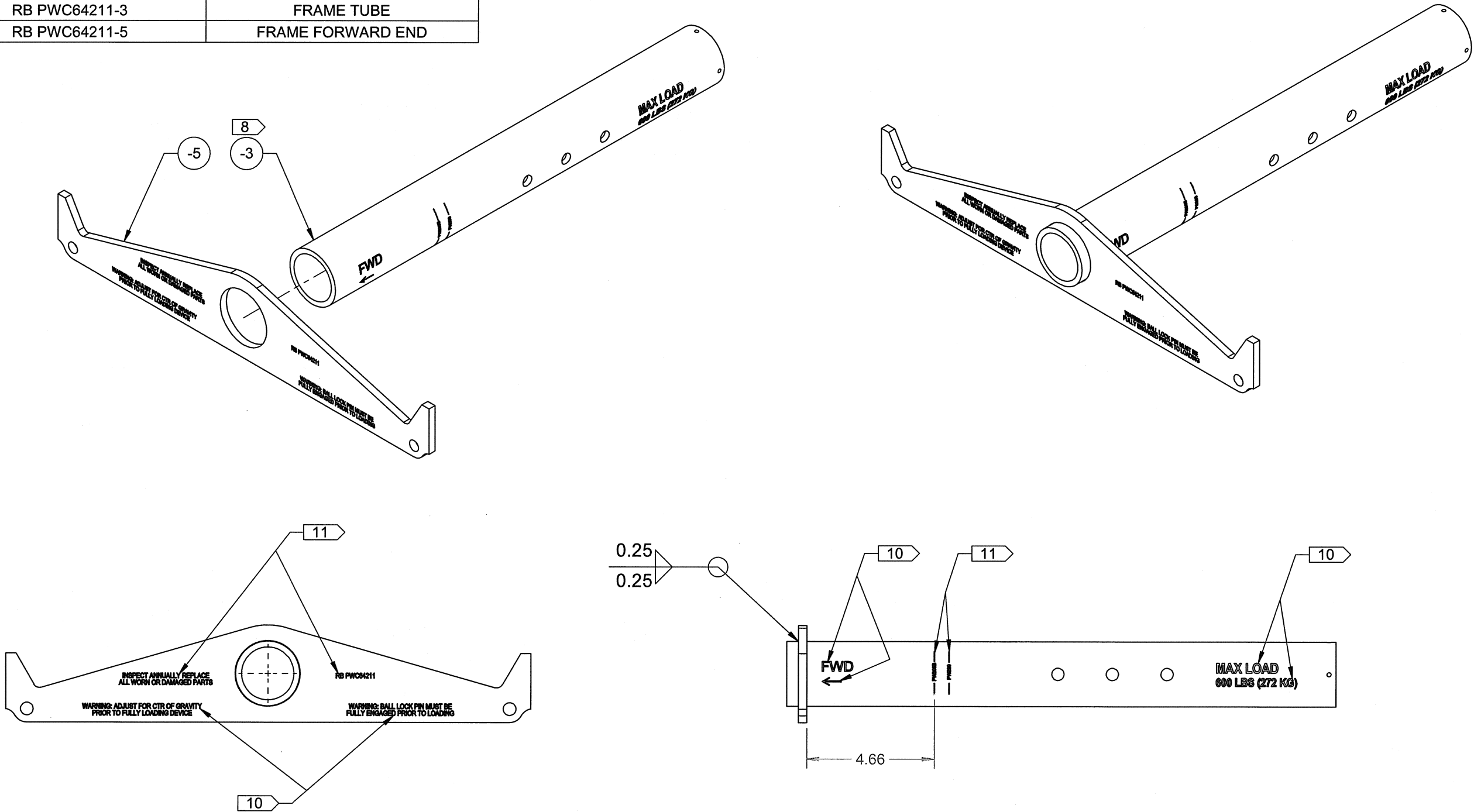


RB PWC64211 ENGINE HOIST

14



DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML	TOOL PART #	REV. B
MFG. APPR.	FK	RB PWC64211	SHEET 2 OF 12
APPROVED		TITLE	SCALE
DATE 2019-06-24		ENGINE HOIST	NTS 
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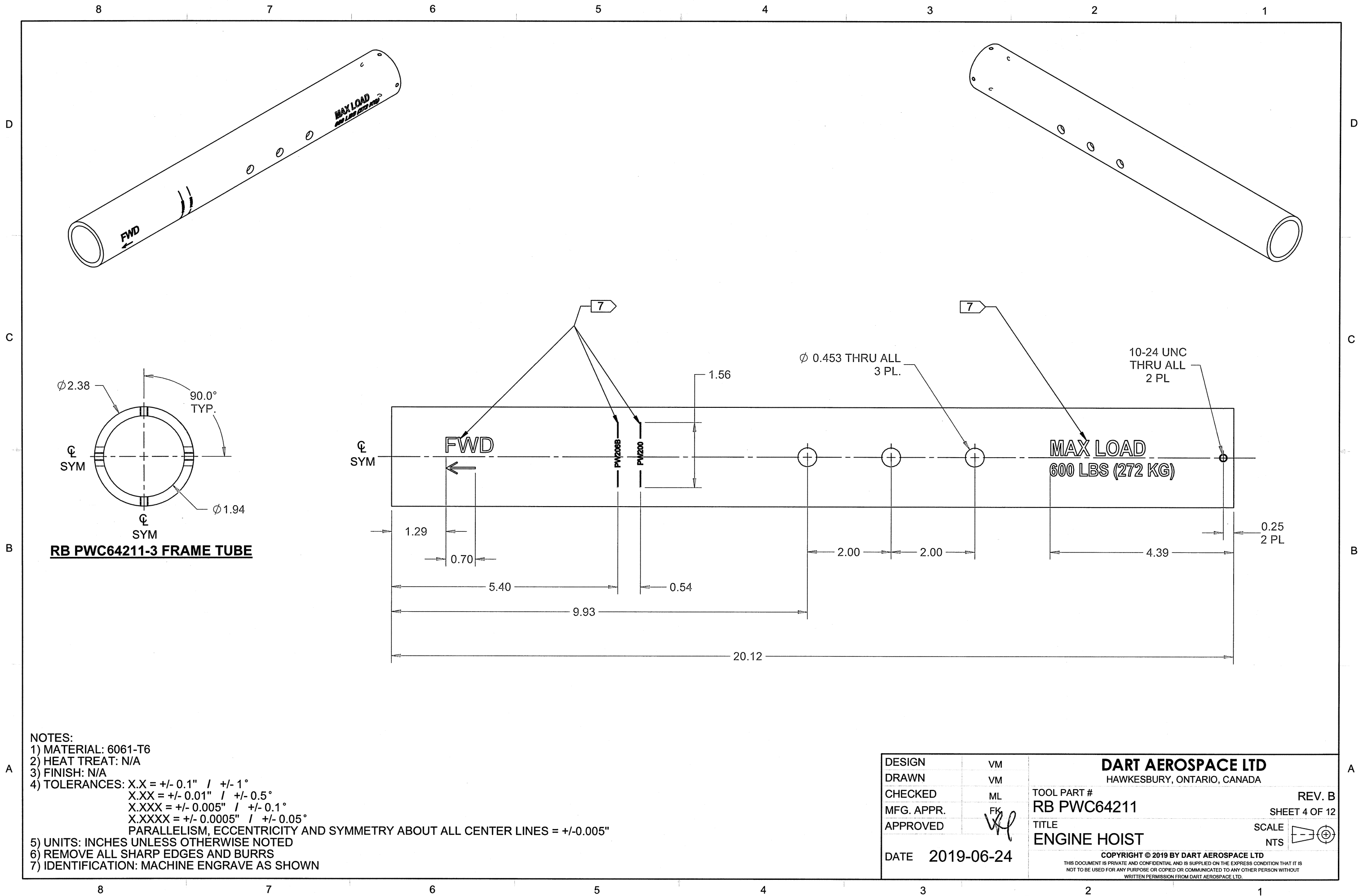
ITEM #	QTY	PART #	PART TITLE
-3	1	RB PWC64211-3	FRAME TUBE
-5	1	RB PWC64211-5	FRAME FORWARD END

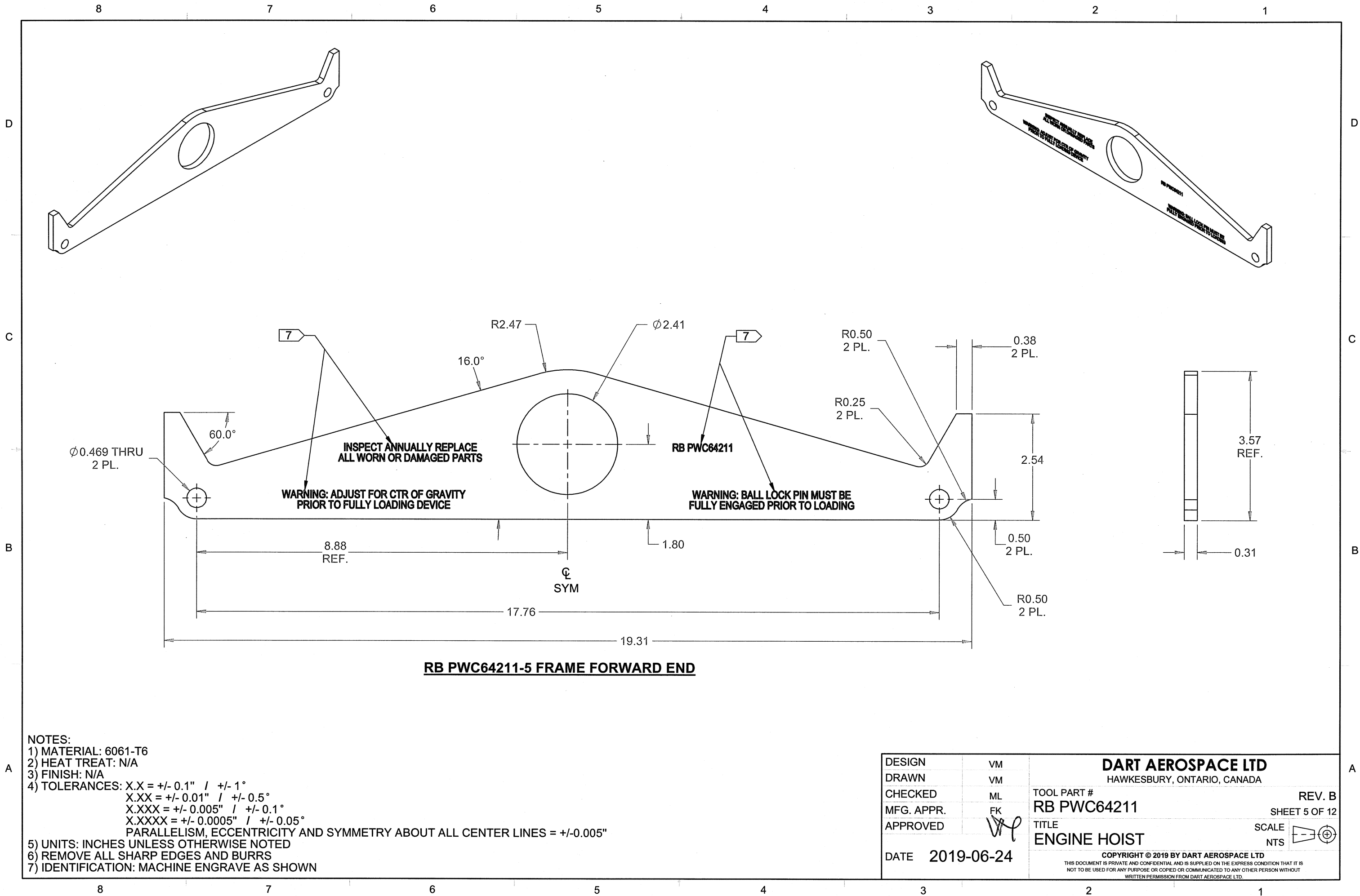


RB PWC64211-1 FRAME WELDMENT

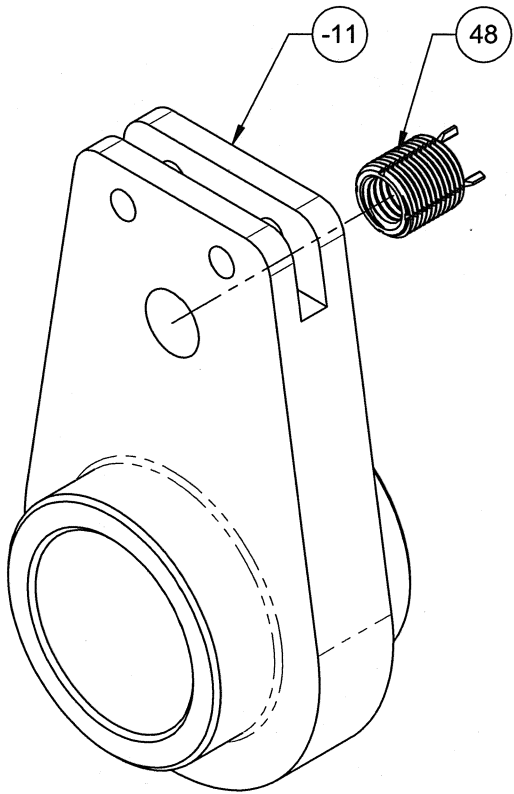
- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: ANODIZE BLACK PER MIL-A-8625 TYPE 2 CLASS 2
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) IDENTIFICATION: N/A
 - 7) ASSEMBLE AS SHOWN
 - 8) POSITION ITEM -3 AS SHOWN WITH TEXT FACING OUT
 - 9) REMOVE ALL WELD SPATTERS
 - 10) FILL ENGRAVING WITH YELLOW PAINT AFTER ANODIZE
 - 11) FILL ENGRAVING WITH WHITE PAINT AFTER ANODIZE

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	ML	TOOL PART # RB PWC64211	REV. B
MFG. APPR.	FK		SHEET 3 OF 12
APPROVED		TITLE ENGINE HOIST	SCALE NTS 
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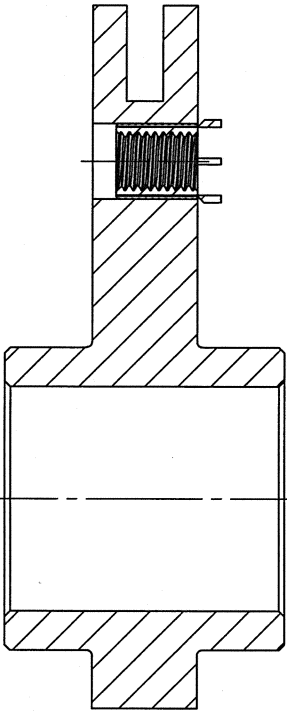
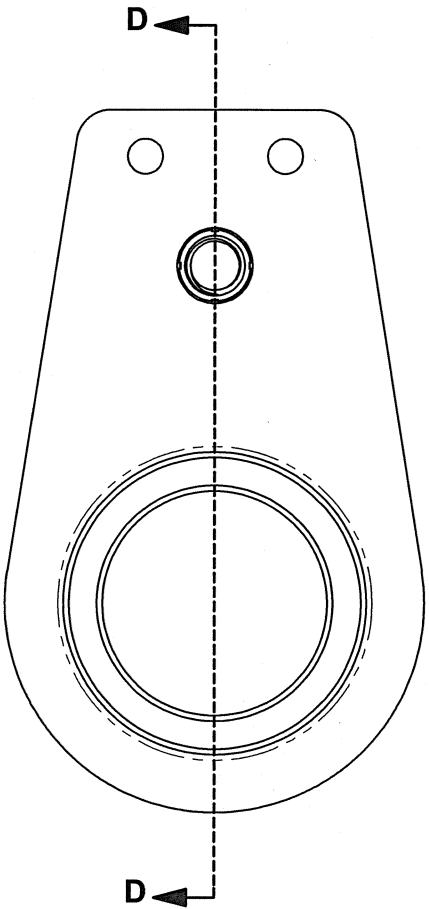




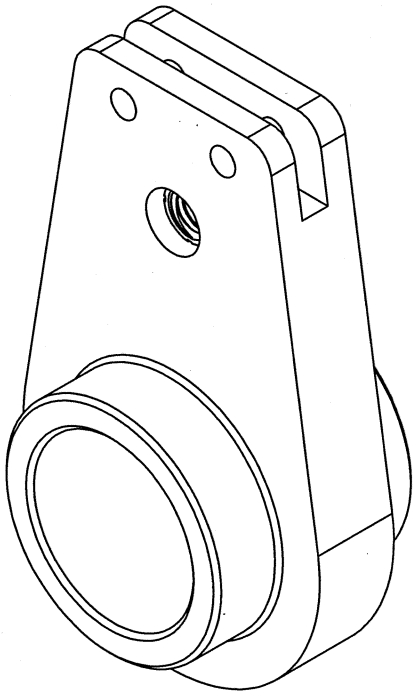
ITEM #	QTY	PART #	PART TITLE
-11	1	RB PWC64211-11	LIFT
48	1	McMaster#90245A038 OR EQUIV	BLACK PHOSPHATE STEEL KEY-LOCKING INSERT 5/8"-11





RB PWC64211-9 LIFT ASSY



SECTION D-D



- NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) IDENTIFICATION: N/A
7) ASSEMBLE AS SHOWN

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML	TOOL PART #	REV. B
MFG. APPR.	FK	RB PWC64211	SHEET 6 OF 12
APPROVED		TITLE	SCALE
DATE	2019-06-24	ENGINE HOIST	NTS 
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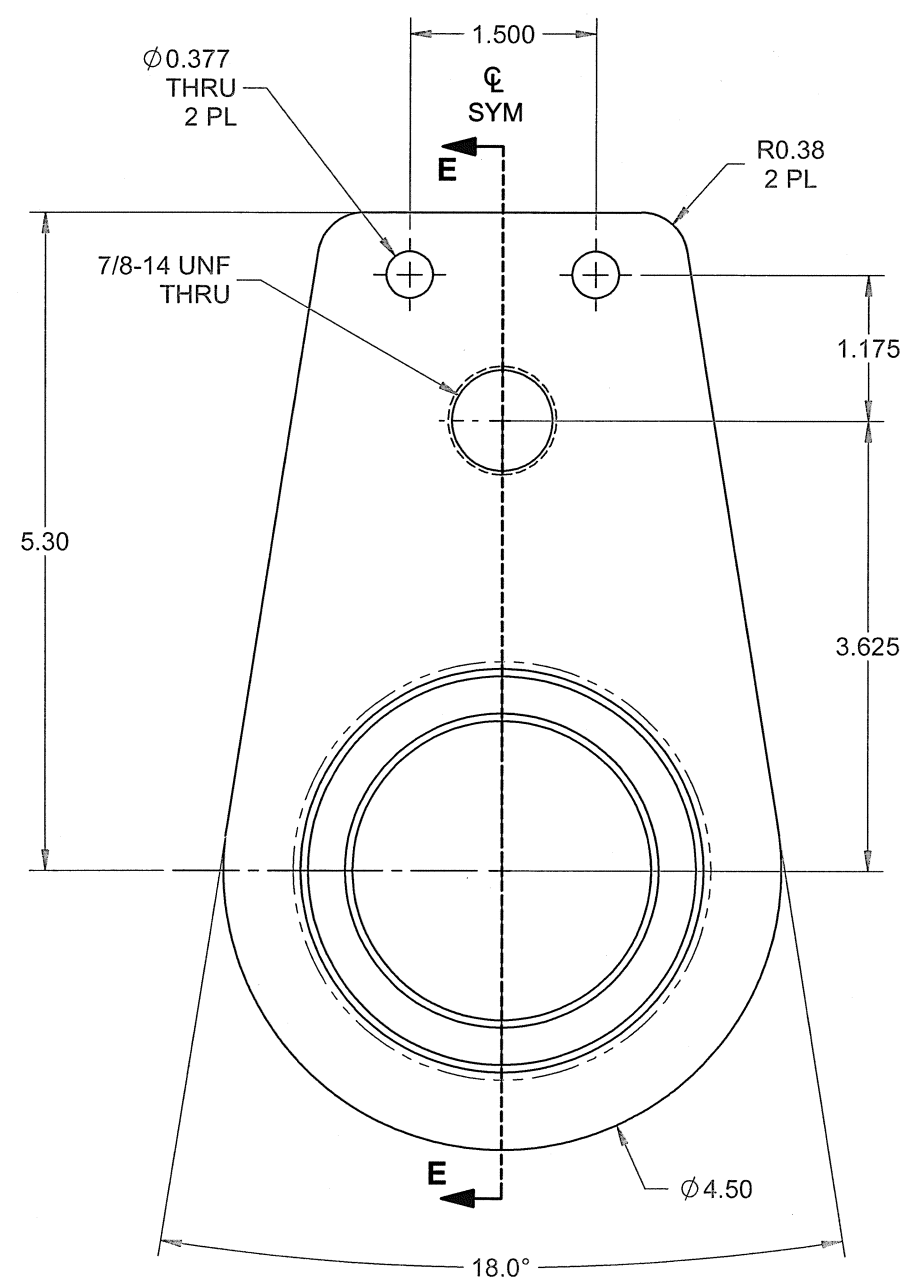
8 7 6 5 4 3 2 1

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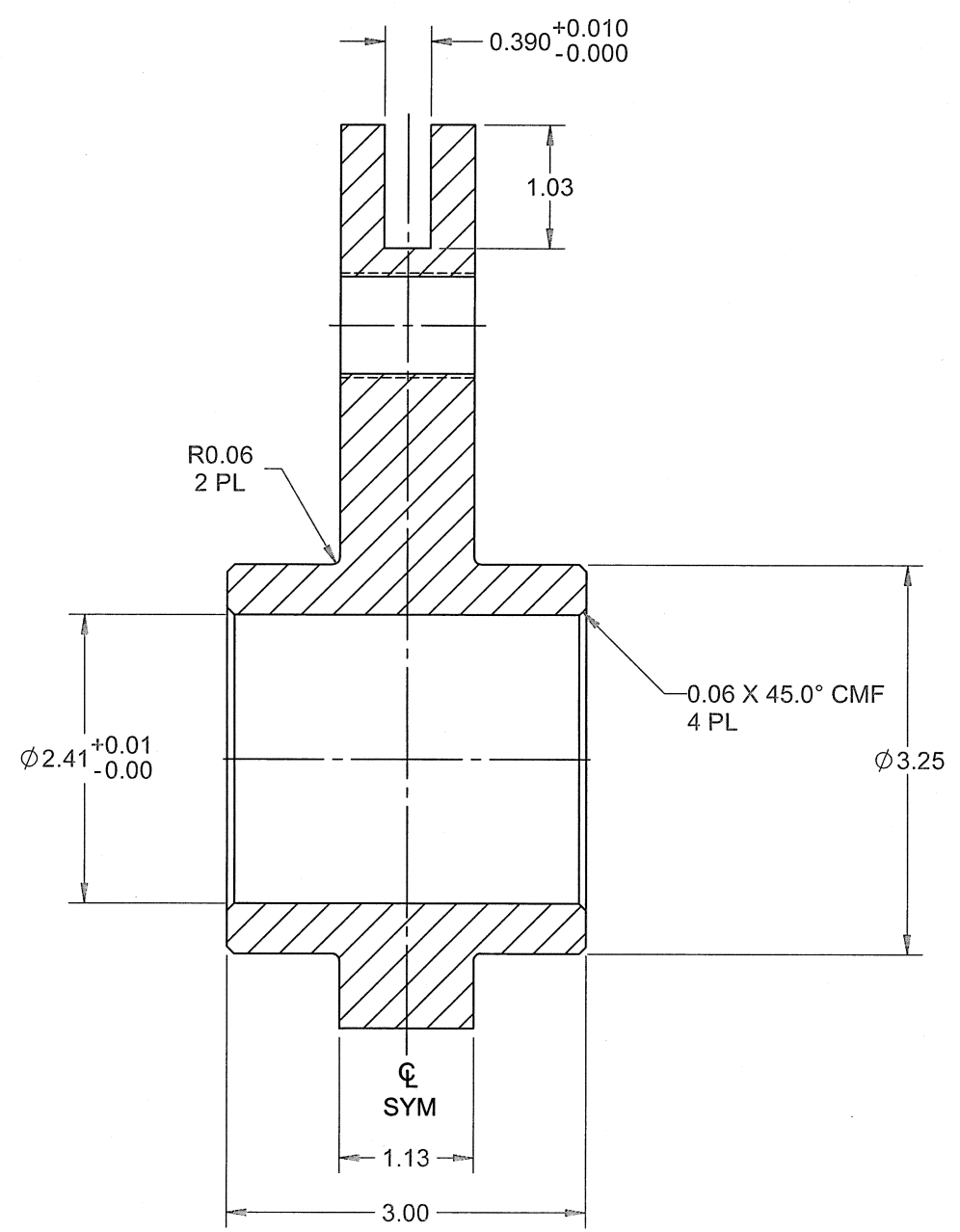
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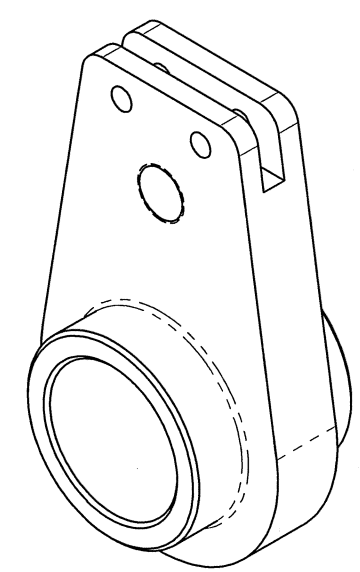
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RB PWC64211-11 LIFT



SECTION E-E



D

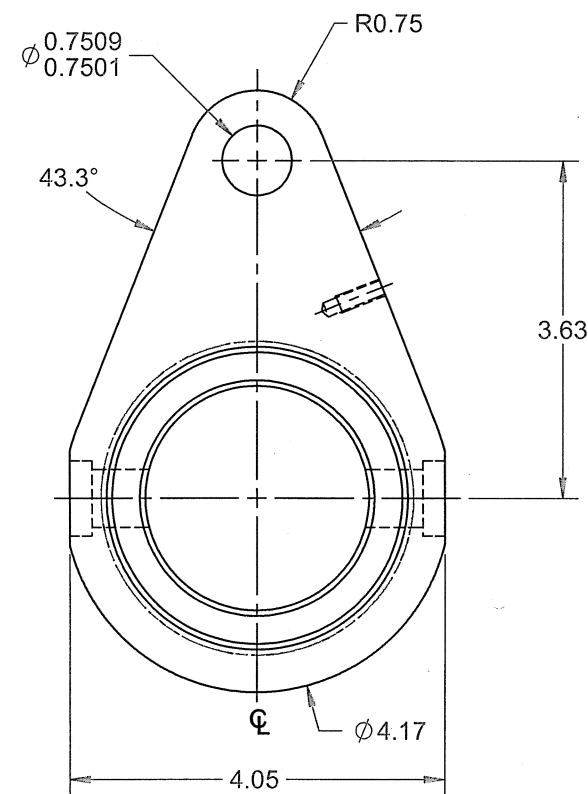
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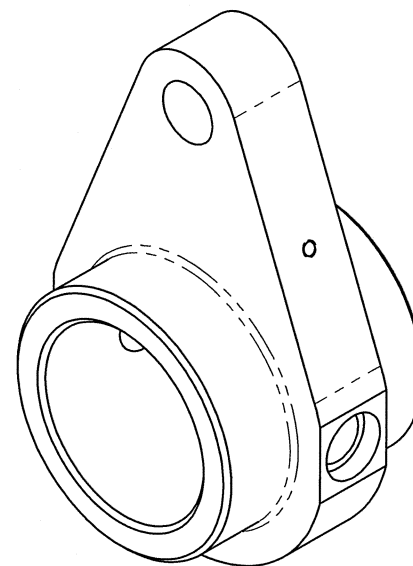
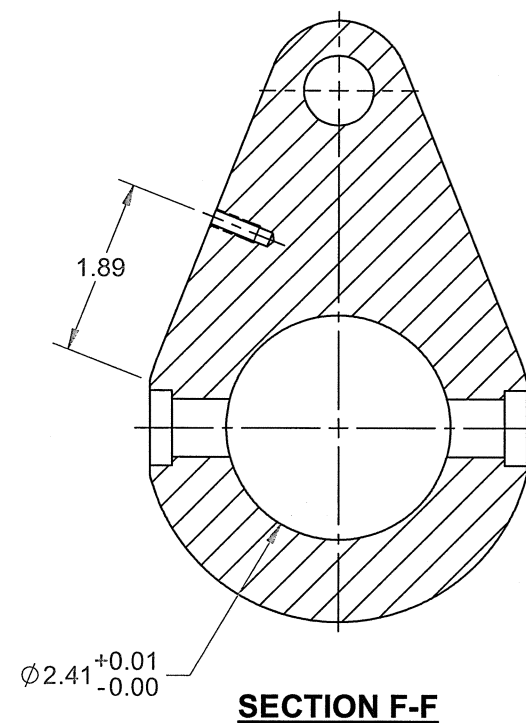
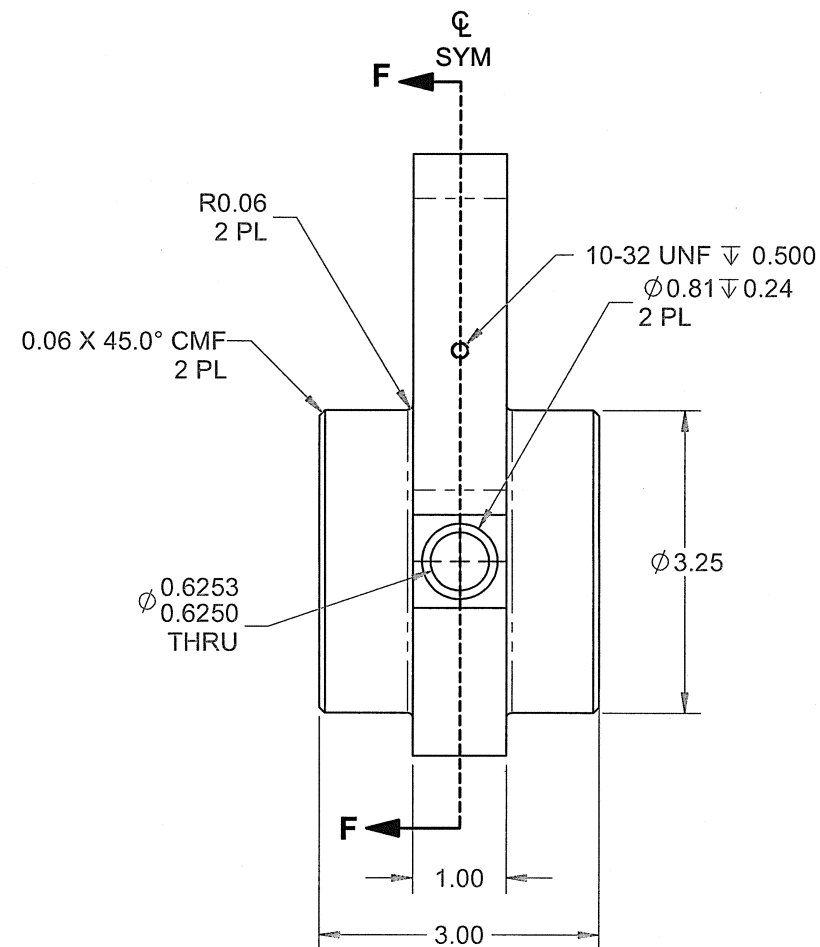
A

- NOTES:
- 1) MATERIAL: 6061-T6
 - 2) HEAT TREAT: N/A
 - 3) FINISH: ANODIZE BLACK PER MIL-A-8625 TYPE 2 CLASS 2
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES AND BURRS
 - 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	ML	TOOL PART #	REV. B
MFG. APPR.	FK	RB PWC64211	SHEET 7 OF 12
APPROVED		TITLE	SCALE
DATE	2019-06-24	ENGINE HOIST	NTS
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RB PWC64211-17 ANCHOR



- NOTES:
- 1) MATERIAL: 6061-T6
 - 2) HEAT TREAT: N/A
 - 3) FINISH: ANODIZE BLACK PER MIL-A-8625 TYPE 2 CLASS 2
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES AND BURRS
 - 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	ML	TOOL PART #	REV. B
MFG. APPR.	FK	RB PWC64211	SHEET 8 OF 12
APPROVED	WJ	TITLE	SCALE
		ENGINE HOIST	NTS
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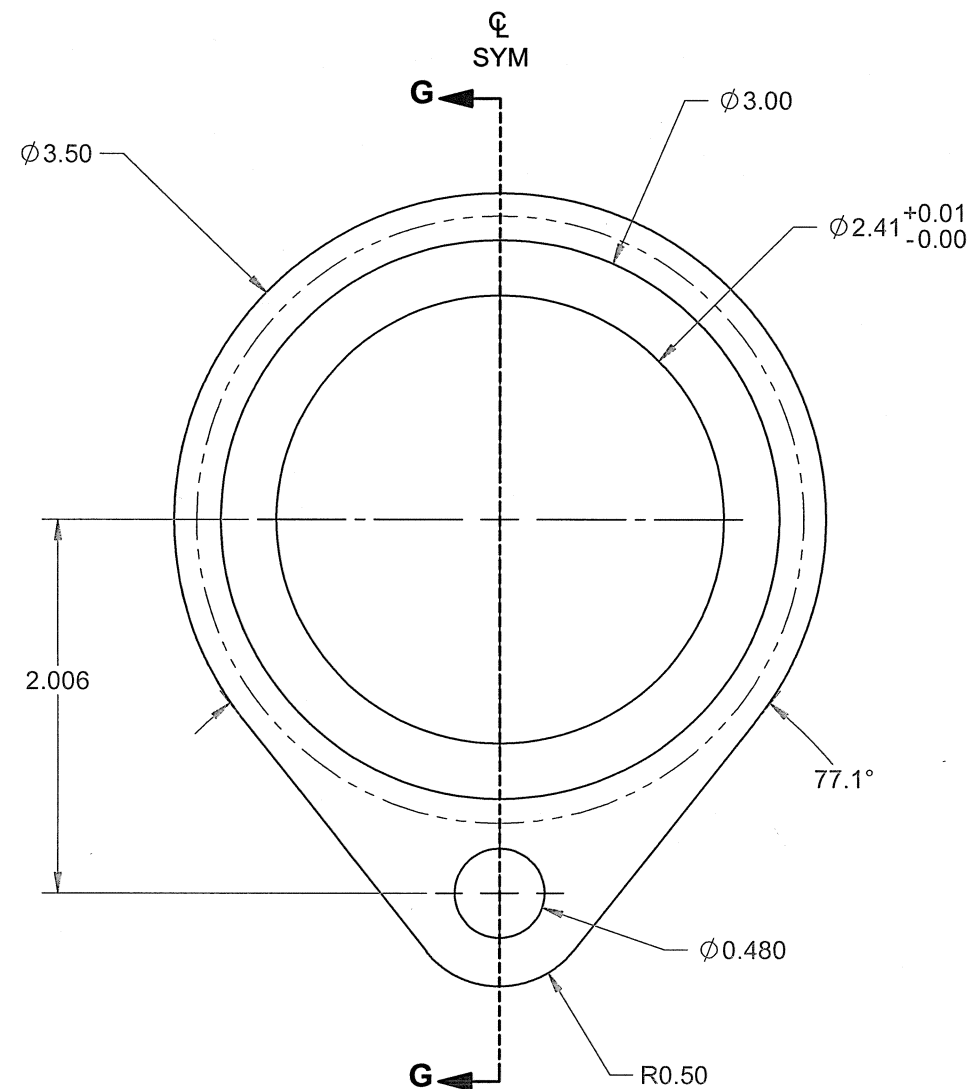
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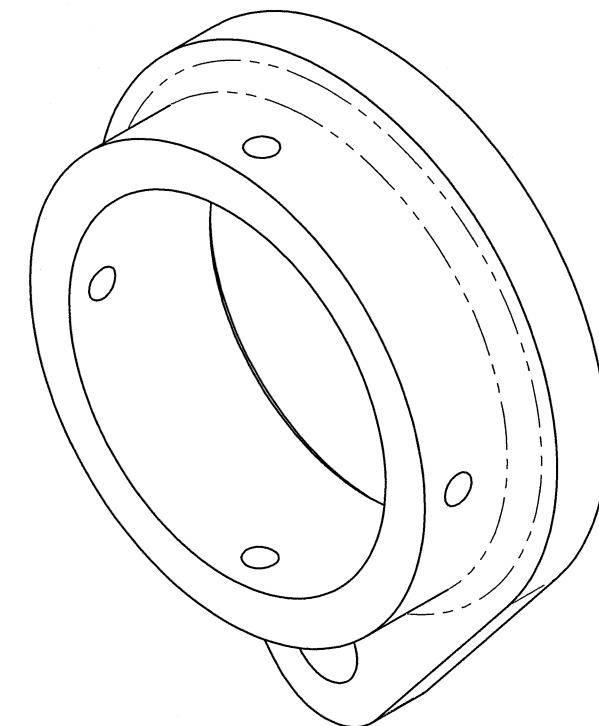
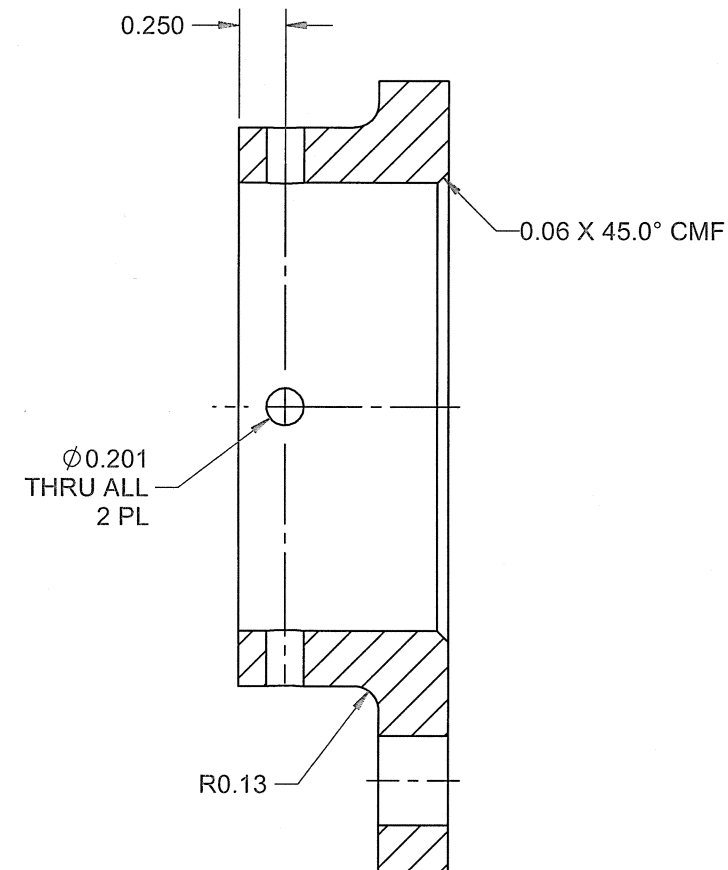
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
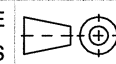


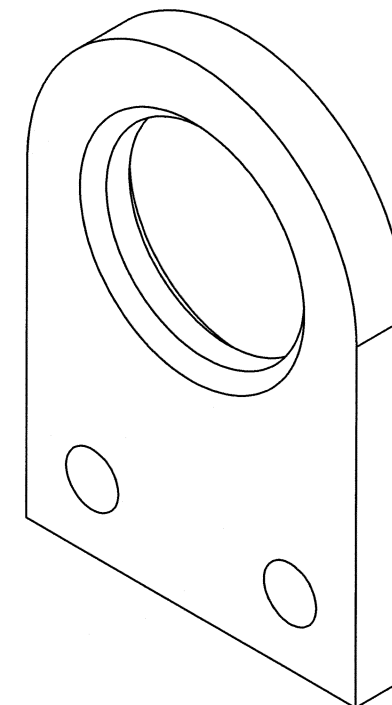
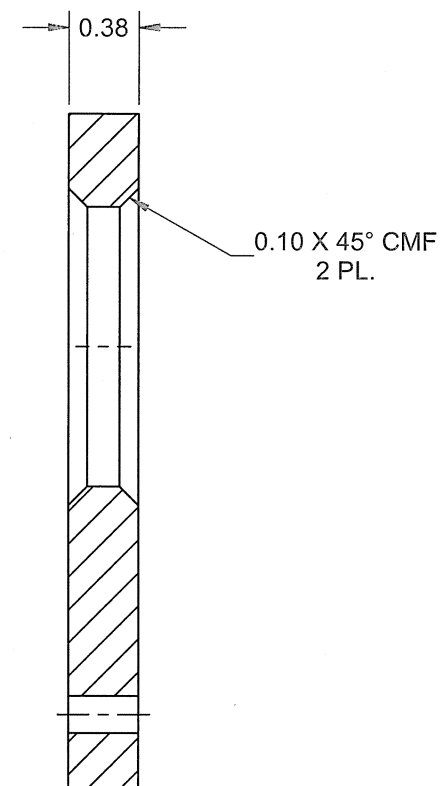
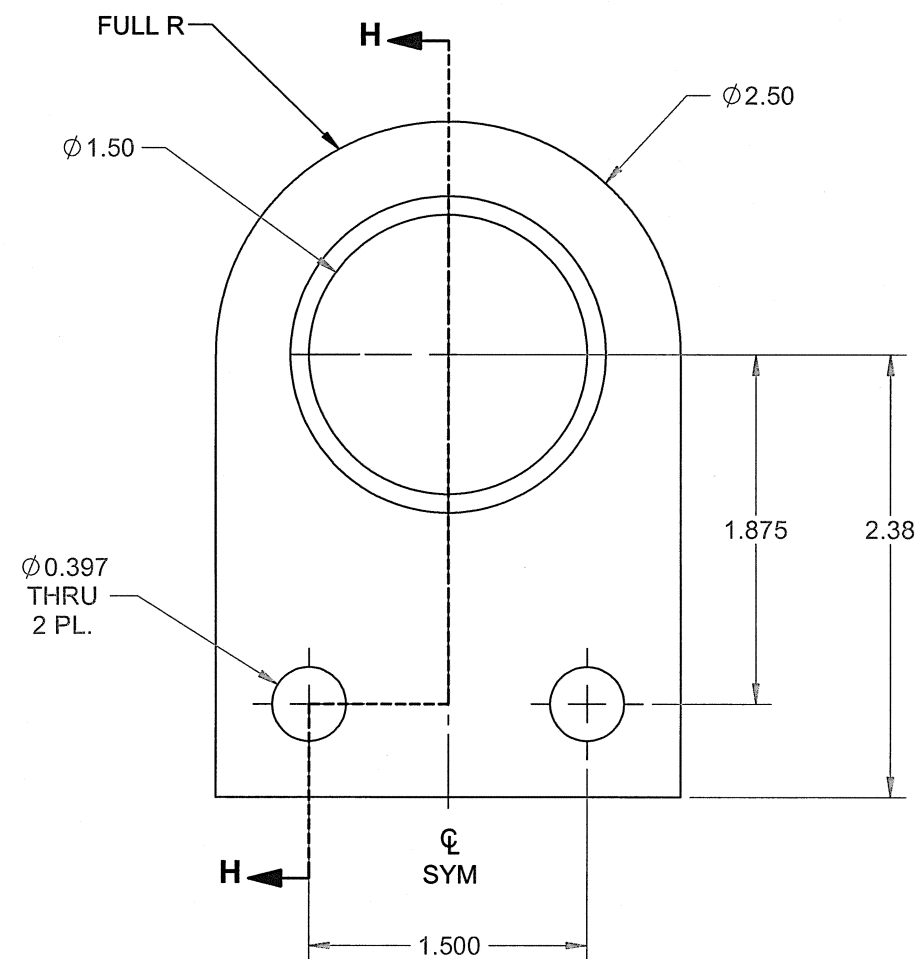
RB PWC64211-19 FRAME AFT END



NOTES:

- 1) MATERIAL: 6061-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: ANODIZE BLACK PER MIL-A-8625 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	ML	TOOL PART #	REV. B
MFG. APPR.	FK	RB PWC64211	SHEET 9 OF 12
APPROVED		TITLE	SCALE
DATE	2019-06-24	ENGINE HOIST	NTS 
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RB PWC64211-21 ENGINE HOIST

- NOTES:
- 1) MATERIAL: 1018/1020/1025 CR
 - 2) HEAT TREAT: N/A
 - 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES AND BURRS
 - 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	ML	TOOL PART #	REV. B
MFG. APPR.	FK	RB PWC64211	SHEET 10 OF 12
APPROVED	<i>[Signature]</i>	TITLE	SCALE
		ENGINE HOIST	NTS
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SECTION J-J**RB PWC64211-23 KNOB****NOTES:**

1) MATERIAL: 1018/1020/1025 CR

2) HEAT TREAT: N/A

3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

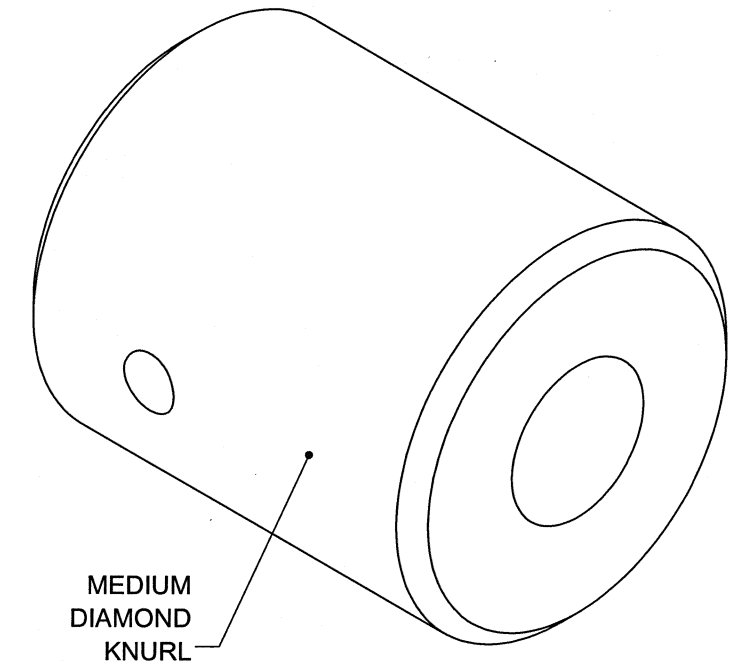
X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) REMOVE ALL SHARP EDGES AND BURRS

7) IDENTIFICATION: N/A




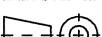
MEDIUM
DIAMOND
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DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML	TOOL PART #	REV. B
MFG. APPR.	FK	RB PWC64211	SHEET 11 OF 12
APPROVED		TITLE	SCALE
		ENGINE HOIST	NTS 
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